

Appl. No. 09/744,267

Docket No. CM-1882

Amdt. dated July 12, 2007

Reply to Notice of Non-Compliant Amendment mailed on July 2, 2007

Customer No. 27752

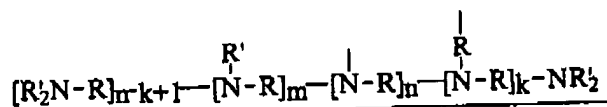
## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A fabric care composition comprising:
- i)- from 5% to 10% of a nitrogen containing dye fixing agent, and
  - ii)- a scum reducing agent selected from the group consisting of N,N dimethyl-N-(2-hydroxyethyl)-N-dodecyl/tetradecyl ammonium bromide, myristoyl choline ester quaternary methylammonium halides, lauroyl choline ester methylammonium halides, cocoyl choline ester quaternary methylammonium halides, a polyoxyalkylene alkyl amine surface active agent, and mixtures thereof, and
  - iii)- a polyamino-functional polymer wherein said polymer comprises a polyamine backbone corresponding to the formula:

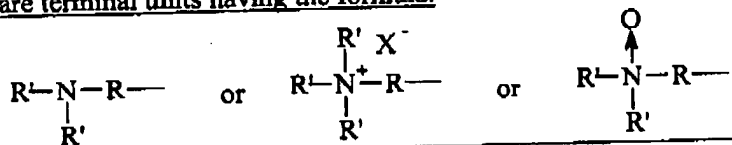


having a polyamine formula  $V_{(n+1)}W_mY_nZ$  or a polyamine backbone corresponding to the formula:

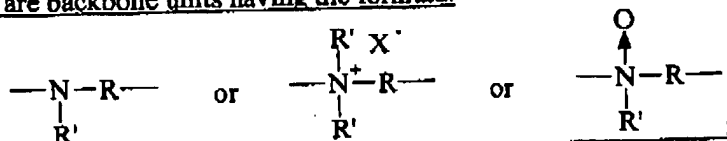


having a polyamine formula  $V_{(n-k+1)}W_mY_nY'_kZ$ , wherein k is less than or equal to n, said polyamine backbone has a molecular weight greater than 200 daltons, wherein

- i) V units are terminal units having the formula:



- ii) W units are backbone units having the formula:



- iii) Y units are branching units having the formula:

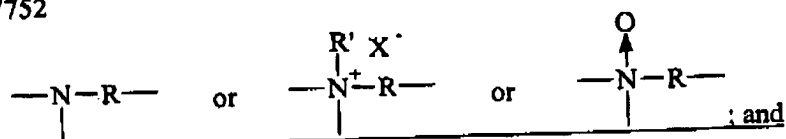
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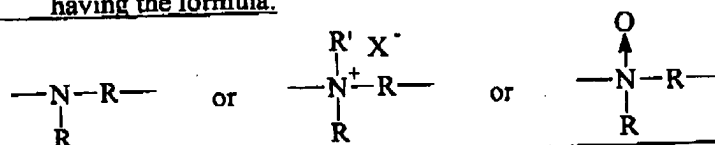
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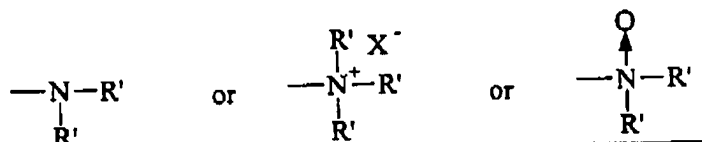
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iv) Y' units are branch point for a backbone or branch ring  
having the formula:



v) Z units are terminal units having the formula:



wherein backbone linking R units are selected from the group consisting of C<sub>2</sub>-C<sub>12</sub> alkylene, C<sub>4</sub>-C<sub>12</sub> alkenylene, C<sub>3</sub>-C<sub>12</sub> hydroxyalkylene, C<sub>4</sub>-C<sub>12</sub> dihydroxy-alkylene, C<sub>8</sub>-C<sub>12</sub> dialkylarylene, -(R<sup>1</sup>O)<sub>x</sub>R<sup>1</sup>-, -(R<sup>1</sup>O)<sub>x</sub>R<sup>5</sup>(OR<sup>1</sup>)<sub>x</sub>-, -(CH<sub>2</sub>CH(OR<sup>2</sup>)CH<sub>2</sub>O)<sub>z</sub>(R<sup>1</sup>O)<sub>y</sub>R<sup>1</sup>(OCH<sub>2</sub>CH(OR<sup>2</sup>)CH<sub>2</sub>)<sub>w</sub>-, -C(O)(R<sup>4</sup>)<sub>r</sub>C(O)-, -CH<sub>2</sub>CH(OR<sup>2</sup>)CH<sub>2</sub>-, and mixtures thereof; wherein R<sup>1</sup> is selected from the group consisting of C<sub>2</sub>-C<sub>6</sub> alkylene and mixtures thereof; R<sup>2</sup> is selected from the group consisting of hydrogen, -(R<sup>1</sup>O)<sub>x</sub>B, and mixtures thereof; R<sup>4</sup> is selected from the group consisting of C<sub>1</sub>-C<sub>12</sub> alkylene, C<sub>4</sub>-C<sub>12</sub> alkenylene, C<sub>8</sub>-C<sub>12</sub> arylalkylene, C<sub>6</sub>-C<sub>10</sub> arylene, and mixtures thereof; R<sup>5</sup> is selected from the group consisting of C<sub>1</sub>-C<sub>12</sub> alkylene, C<sub>3</sub>-C<sub>12</sub> hydroxyalkylene, C<sub>4</sub>-C<sub>12</sub> dihydroxy-alkylene, C<sub>8</sub>-C<sub>12</sub> dialkylarylene, -C(O)-, -C(O)NHR<sup>6</sup>NHC(O)-, -R<sup>1</sup>(OR<sup>1</sup>)-, -C(O)(R<sup>4</sup>)<sub>r</sub>C(O)-, -CH<sub>2</sub>CH(OH)CH<sub>2</sub>-, -CH<sub>2</sub>CH(OH)CH<sub>2</sub>O(R<sup>1</sup>O)<sub>y</sub>R<sup>1</sup>OCH<sub>2</sub>CH(OH)CH<sub>2</sub>-, and mixtures thereof; R<sup>6</sup> is selected from the group consisting of C<sub>2</sub>-C<sub>12</sub> alkylene or C<sub>6</sub>-C<sub>12</sub> arylene; R' units are selected from the group consisting of hydrogen, C<sub>1</sub>-C<sub>22</sub> alkyl, C<sub>3</sub>-C<sub>22</sub> alkenyl, C<sub>7</sub>-C<sub>22</sub> arylalkyl, C<sub>2</sub>-C<sub>22</sub> hydroxyalkyl, -(CH<sub>2</sub>)<sub>p</sub>CO<sub>2</sub>M, -(CH<sub>2</sub>)<sub>q</sub>SO<sub>3</sub>M, -CH(CH<sub>2</sub>CO<sub>2</sub>M)CO<sub>2</sub>M, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>M, -(R<sup>1</sup>O)<sub>x</sub>B, -C(O)R<sup>3</sup>, and mixtures thereof; B is selected from the group consisting of hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, -(CH<sub>2</sub>)<sub>q</sub>SO<sub>3</sub>M, -(CH<sub>2</sub>)<sub>p</sub>CO<sub>2</sub>M, -(CH<sub>2</sub>)<sub>q</sub>(CHSO<sub>3</sub>M)CH<sub>2</sub>SO<sub>3</sub>M, -(CH<sub>2</sub>)<sub>q</sub>-(CHSO<sub>2</sub>M)CH<sub>2</sub>SO<sub>3</sub>M, -(CH<sub>2</sub>)<sub>p</sub>PO<sub>3</sub>M, -PO<sub>3</sub>M, and mixtures thereof; R<sup>3</sup> is selected from the group consisting of C<sub>1</sub>-C<sub>18</sub> alkyl, C<sub>7</sub>-C<sub>12</sub> arylalkyl, C<sub>7</sub>-C<sub>12</sub> alkyl substituted aryl, C<sub>6</sub>-C<sub>12</sub> aryl, and mixtures thereof; M is hydrogen or a water soluble cation in sufficient amount to satisfy charge balance; X is a water soluble anion; m has the value from 2 to 700; n has the value from 0 to 350; p has the value from 1 to 6, q has the value

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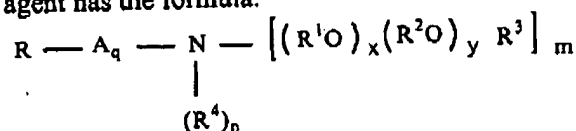
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from 0 to 6; r has the value of 0 or 1; w has the value 0 or 1; x has the value from 1 to 100; y has the value from 0 to 100; z has the value 0 or 1.

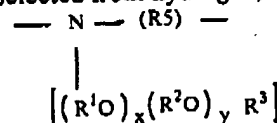
2. (Cancelled)

3. (Cancelled)

4. (Original) A composition according to Claim 3 1, wherein the polyoxyalkylene alkyl amine surface active agent has the formula:



wherein R is selected from C<sub>7</sub>-C<sub>21</sub> linear alkyl, C<sub>7</sub>-C<sub>21</sub> branched alkyl, C<sub>7</sub>-C<sub>21</sub> linear alkenyl, C<sub>7</sub>-C<sub>21</sub> branched alkenyl, and mixtures thereof; R<sup>1</sup> is ethylene; R<sup>2</sup> is selected from C<sub>3</sub>-C<sub>4</sub> linear alkyl, C<sub>3</sub>-C<sub>4</sub> branched alkyl, and mixtures thereof; R<sup>3</sup> is selected from hydrogen, C<sub>1</sub>-C<sub>4</sub> linear alkyl, C<sub>3</sub>-C<sub>4</sub> branched alkyl, and mixtures thereof; R<sup>4</sup> is selected from hydrogen, C<sub>1</sub>-C<sub>4</sub>



linear alkyl, C<sub>3</sub>-C<sub>4</sub> branched alkyl, and mixtures thereof; A is R<sup>5</sup> is selected from -[(R<sup>1</sup>O)<sub>x</sub>(R<sup>2</sup>O)<sub>y</sub>] unit, C<sub>1</sub>-C<sub>16</sub> linear alkyl, C<sub>1</sub>-C<sub>16</sub> branched alkyl, C<sub>1</sub>-C<sub>16</sub> linear alkenyl, C<sub>1</sub>-C<sub>16</sub> branched alkenyl, and mixtures thereof; wherein the index m is 1 or 2, the index n is 0 or 1, provided that when m is equal to 1, n is equal to 1; and when m is 2 n is 0; wherein the index x is from 0 to about 50, preferably from 1 to 25, wherein the index y is from 0 to about 10; wherein the index q is 0 or 1.

5. (Original) A composition according to Claim 4, wherein said index x is from 1 to 25.

6. (Original) A composition according to Claim 5, wherein said index m is equal to 2 and n is equal to 0.

7. (Cancelled)

8. (Original) A composition according to Claim 7, wherein said dye fixing agent is a cellulose reactive dye fixing agent.

9.-14. (Cancelled)